

Customer No.:



Docket No. 3298/HB09-US1

07278

PATENT TRADEMARK OFFICE

**DECLARATION
AND POWER OF ATTORNEY**
Original Application

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below, of the invention entitled:

PURIFICATION OF HUMAN TROPONIN I

which is described and claimed in:

the attached specification or the specification in application
Serial No. 09/903,398, filed July 10, 2001
(for declaration not accompanying appl.)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to patentability in accordance with 37 CFR §1.56. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I hereby claim the priority benefits under 35 U.S.C. §119 of any application(s) for patent or inventor's certificate listed below. All foreign applications for patent or inventor's certificate on this invention filed by me or my legal representatives or assigns prior to the application(s) of which priority is claimed are also identified below.

PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED

COUNTRY

APPLICATION NO.

DATE OF FILING

LISA

60/217 069

July 10, 2000

ALL FOREIGN APPLICATIONS, IF ANY, FILED PRIOR
TO THE APPLICATION(S) OF WHICH PRIORITY IS CLAIMED

COUNTRY APPLICATION NO. DATE OF FILING

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Gordon D. Coplen #19,165; Michael J. Sweedler #19,937; Peter Ludwig #25,351; Paul Fields #20,298; Marc S. Gross #19,614; Joseph B. Leich #26,936; Melvin C. Garner #26,272; Ethan Horwitz #27,646; Adda C. Gogoris #29,714; Bent J. Lewin #19,407; Henry Sternberg #22,408; Peter C. Schechter #31,662; Robert Schattler #31,194; Robert C. Sullivan, Jr. #30,499; Ita L. Levy #35,587; Joseph R. Robinson #33,448; Scott G. Lindvall #40,325; Paul F. Fehlner, Ph.D. #35,135; David Pearson #36,195.

all of the firm of DARBY & DARBY P.C., 805 Third Avenue, New York, NY 10022

SEND CORRESPONDENCE TO:

Paul F. Fehlner, Ph.D.
DARBY & DARBY P.C.
805 Third Avenue
New York, NY 10022

DIRECT TELEPHONE CALLS TO:

Paul F. Fehlner, Ph.D.
212-527-7700

FULL NAME AND ADDRESS OF INVENTOR 1

LAST NAME: CONN FIRST NAME: Gregory MIDDLE NAME:

CITY: Cary STATE OR FOREIGN COUNTRY: North Carolina COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: Diosynth RTP - 3000 Weston Parkway CITY: Cary

STATE OR COUNTRY: North Carolina ZIP CODE: 27513

FULL NAME AND ADDRESS OF INVENTOR 2

LAST NAME: REARDON FIRST NAME: Brian MIDDLE NAME:

CITY: Seattle STATE OR FOREIGN COUNTRY: Washington COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: ZymoGenetics - 1201 Eastlake Avenue East CITY: Seattle

STATE OR COUNTRY: Washington ZIP CODE: 98102

FULL NAME AND ADDRESS OF INVENTOR 3

LAST NAME: ZENG FIRST NAME: Xianfang MIDDLE NAME:

CITY: Northborough STATE OR FOREIGN COUNTRY: Massachusetts

COUNTRY OF CITIZENSHIP: People's Republic of China

POST OFFICE ADDRESS: Shire Biologics, Inc - 30 Bearfoot Road CITY: Northborough

STATE OR COUNTRY: Massachusetts ZIP CODE: 01532

FULL NAME AND ADDRESS OF INVENTOR 4

LAST NAME: ZHANG FIRST NAME: Chenming MIDDLE NAME:

CITY: Blacksburg STATE OR FOREIGN COUNTRY: Virginia

COUNTRY OF CITIZENSHIP: People's Republic of China

POST OFFICE ADDRESS: Dept. of Biological Systems Engineering - 210 Seitz Hall - Virginia Polytechnic University

CITY: Blacksburg STATE OR COUNTRY: Virginia ZIP CODE: 24061

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1: _____ DATED: _____
Gregory CONN

SIGNATURE OF INVENTOR 2: _____ DATED: _____
Brian REARDON

SIGNATURE OF INVENTOR 3: _____ DATED: _____
Xianfang ZENG

SIGNATURE OF INVENTOR 4:  DATED: 10/11/2001
Chenming ZHANG

Customer No.:



Docket No.: 3298/1H309-US1

07278

PATIENT INFORMATION

**DECLARATION
AND POWER OF ATTORNEY**
Original Application

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PURIFICATION OF HUMAN TROPONIN I

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PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED

COUNTRY

APPLICATION NO.

DATE OF FILING

USA

ALL FOREIGN APPLICATIONS, IF ANY, FILED PRIOR
TO THE APPLICATION(S) OF WHICH PRIORITY IS CLAIMED

COUNTRY APPLICATION NO. DATE OF FILING

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith: Gordon D. Copicin #19,165, Michael J. Sweedler #19,937, S. Peter Ludwig #25,351, Paul Fields #20,298, Marc S. Gross #19,614, Joseph B. Ferch #26,936, Melvin C. Garner #26,272, Ethan Horwitz #27,646, Adda C. Gogous #29,714, Bert J. Lewin #19,407, Henry Sternberg #22,408, Peter C. Schechter #31,162, Robert Schalter #31,194, Robert C. Sullivan, Jr. #30,499, Ira J. Levy #35,587, Joseph R. Robinson #33,448, Scott G. Lindvall #40,325, Paul F. Fehlner, Ph.D. #35,135, David Leason #36,195

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DARBY & DARBY P.C.
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New York, NY 10022

DIRECT TELEPHONE CALLS TO:

Paul F. Fehlner, Ph.D.
212-527-7700

FULL NAME AND ADDRESS OF INVENTOR 1

LAST NAME: CONN FIRST NAME: Gregory MIDDLE NAME:

CITY: Cary STATE OR FOREIGN COUNTRY: North Carolina COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: Biosynth RTP - 3000 Weston Parkway CITY: Cary

STATE OR COUNTRY: North Carolina ZIP CODE: 27513

FULL NAME AND ADDRESS OF INVENTOR 2

LAST NAME: REARDON FIRST NAME: Brian MIDDLE NAME:

CITY: Seattle STATE OR FOREIGN COUNTRY: Washington COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: ZymoGenetics - 1201 Eastlake Avenue East CITY: Seattle

STATE OR COUNTRY: Washington ZIP CODE: 98102

FULL NAME AND ADDRESS OF INVENTOR 3

LAST NAME: ZENG FIRST NAME: Xianfang MIDDLE NAME:

CITY: Northborough STATE OR FOREIGN COUNTRY: Massachusetts

COUNTRY OF CITIZENSHIP: People's Republic of China

POST OFFICE ADDRESS: Shire Biologics, Inc. - 30 Bearfoot Road CITY: Northborough

STATE OR COUNTRY: Massachusetts ZIP CODE: 01532

FULL NAME AND ADDRESS OF INVENTOR 4

LAST NAME: ZHANG FIRST NAME: Chenming MIDDLE NAME:

CITY: Blacksburg STATE OR FOREIGN COUNTRY: Virginia

COUNTRY OF CITIZENSHIP: People's Republic of China

POST OFFICE ADDRESS: Dept. of Biological Systems Engineering - 210 Seitz Hall - Virginia Polytechnic University

CITY: Blacksburg STATE OR COUNTRY: Virginia ZIP CODE: 24061

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1: _____ DATED: _____
Gregory CONN

SIGNATURE OF INVENTOR 2: Brian Reardon DATED: 10/11/01
Brian REARDON

SIGNATURE OF INVENTOR 3: _____ DATED: _____
Xianfang ZENG

SIGNATURE OF INVENTOR 4: _____ DATED: _____
Chenming ZHANG

Customer No.:



07278

PATENT TRADEMARK OFFICE

Docket No.: 3298/111309-US1

**DECLARATION
AND POWER OF ATTORNEY**
Original Application

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PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED

COUNTRY APPLICATION NO. DATE OF FILING

USA 60/217,069 July 10, 2000

ALL FOREIGN APPLICATIONS, IF ANY, FILED PRIOR
TO THE APPLICATION(S) OF WHICH PRIORITY IS CLAIMED

COUNTRY APPLICATION NO. DATE OF FILING

POWER OF ATTORNEY:

As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Gordon D. Coplen #19,465; Michael J. Sweedler #19,937; S. Peter Ludwig #25,351; Paul Fields #20,298; Marc S. Gross #19,614; Joseph B. Leich #26,936; Melvin C. Garner #26,272; Ethan Horwitz #27,646; Adda C. Gogoni #29,714; Bert J. Lewin #19,407; Henry Sternberg #22,408; Peter C. Schechter #31,662; Robert Schaffer #31,194; Robert C. Sullivan Jr. #30,499; Israel Levy #35,587; Joseph R. Robinson #33,448; Scott G. Lindvall #40,325; Paul F. Fehlner, Ph.D. #35,135; David Leason #36,195.

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212-527-7700

FULL NAME AND ADDRESS OF INVENTOR 1

LAST NAME: CONN FIRST NAME: Gregory MIDDLE NAME:

CITY: Cary STATE OR FOREIGN COUNTRY: North Carolina COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: Diosynth RTP - 3000 Weston Parkway CITY: Cary

STATE OR COUNTRY: North Carolina ZIP CODE: 27513

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LAST NAME: REARDON FIRST NAME: Brian MIDDLE NAME:

CITY: Seattle STATE OR FOREIGN COUNTRY: Washington COUNTRY OF CITIZENSHIP: US

POST OFFICE ADDRESS: ZymoGenetics - 1201 Eastlake Avenue East CITY: Seattle

STATE OR COUNTRY: Washington ZIP CODE: 98102

FULL NAME AND ADDRESS OF INVENTOR 3

LAST NAME: ZENG FIRST NAME: Xianfang MIDDLE NAME:

CITY: Northborough STATE OR FOREIGN COUNTRY: Massachusetts

COUNTRY OF CITIZENSHIP: People's Republic of China

POST OFFICE ADDRESS: Shire Biologics, Inc - 30 Bearfoot Road CITY: Northborough

STATE OR COUNTRY: Massachusetts ZIP CODE: 01532

FULL NAME AND ADDRESS OF INVENTOR 4

LAST NAME: ZHANG FIRST NAME: Chenming MIDDLE NAME:

CITY: Blacksburg STATE OR FOREIGN COUNTRY: Virginia

COUNTRY OF CITIZENSHIP: People's Republic of China

POST OFFICE ADDRESS: Dept. of Biological Systems Engineering - 210 Seitz Hall - Virginia Polytechnic University

CITY: Blacksburg STATE OR COUNTRY: Virginia ZIP CODE: 24061

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SIGNATURE OF INVENTOR 1: _____ DATED: _____
Gregory CONN

SIGNATURE OF INVENTOR 2: _____ DATED: _____
Brian REARDON

SIGNATURE OF INVENTOR 3: Xianfang Zeng DATED: 10/01/01
Xianfang ZENG

SIGNATURE OF INVENTOR 4: _____ DATED: _____
Chenming ZHANG

Customer No.:



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PATENT TRADEMARK OFFICE

Docket No.: 3298/1H309-US1

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PURIFICATION OF HUMAN TROPONIN 1

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<u>COUNTRY</u>	<u>APPLICATION NO.</u>	<u>DATE OF FILING</u>
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USA	60/217,069	July 10, 2000
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Gregory CONNDATED: 10/17/01

SIGNATURE OF INVENTOR 2:

Brian REARDON

DATED: _____

SIGNATURE OF INVENTOR 3:

Xianfang ZENG

DATED: _____

SIGNATURE OF INVENTOR 4:

Chenming ZHANG

DATED: _____